APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

09600,24,8,2003,09:56

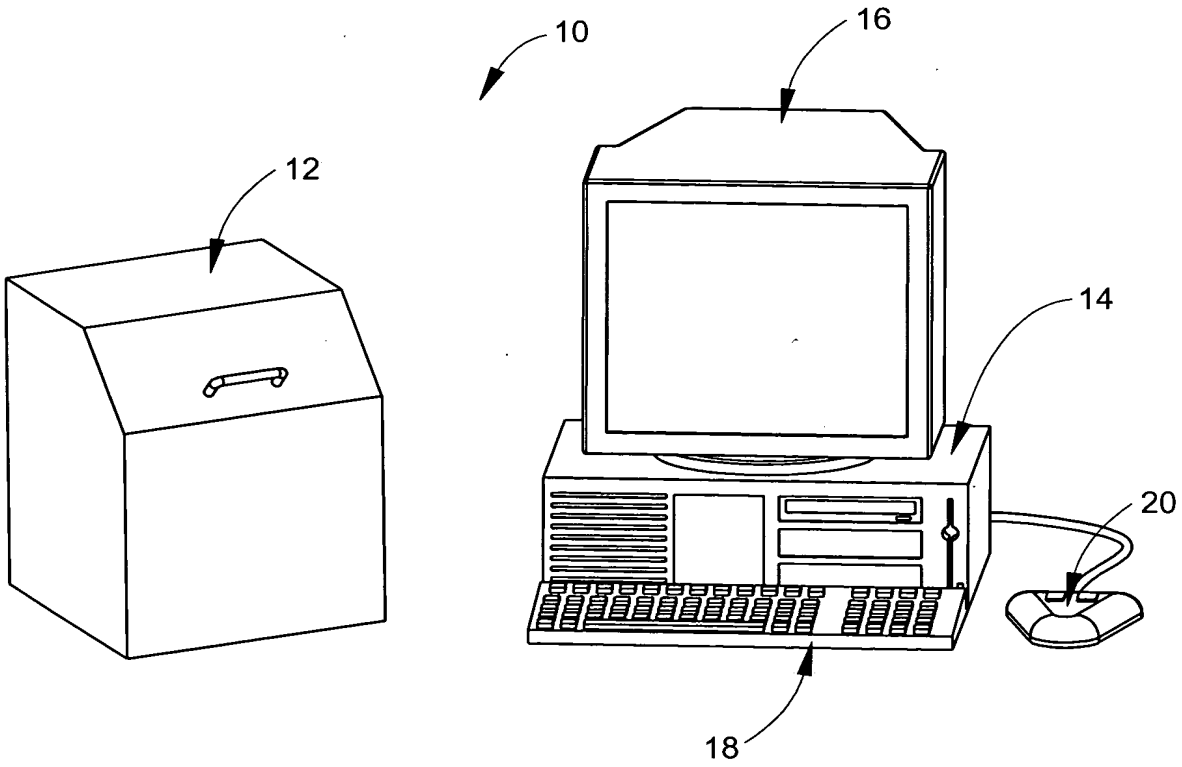


FIG. 1

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

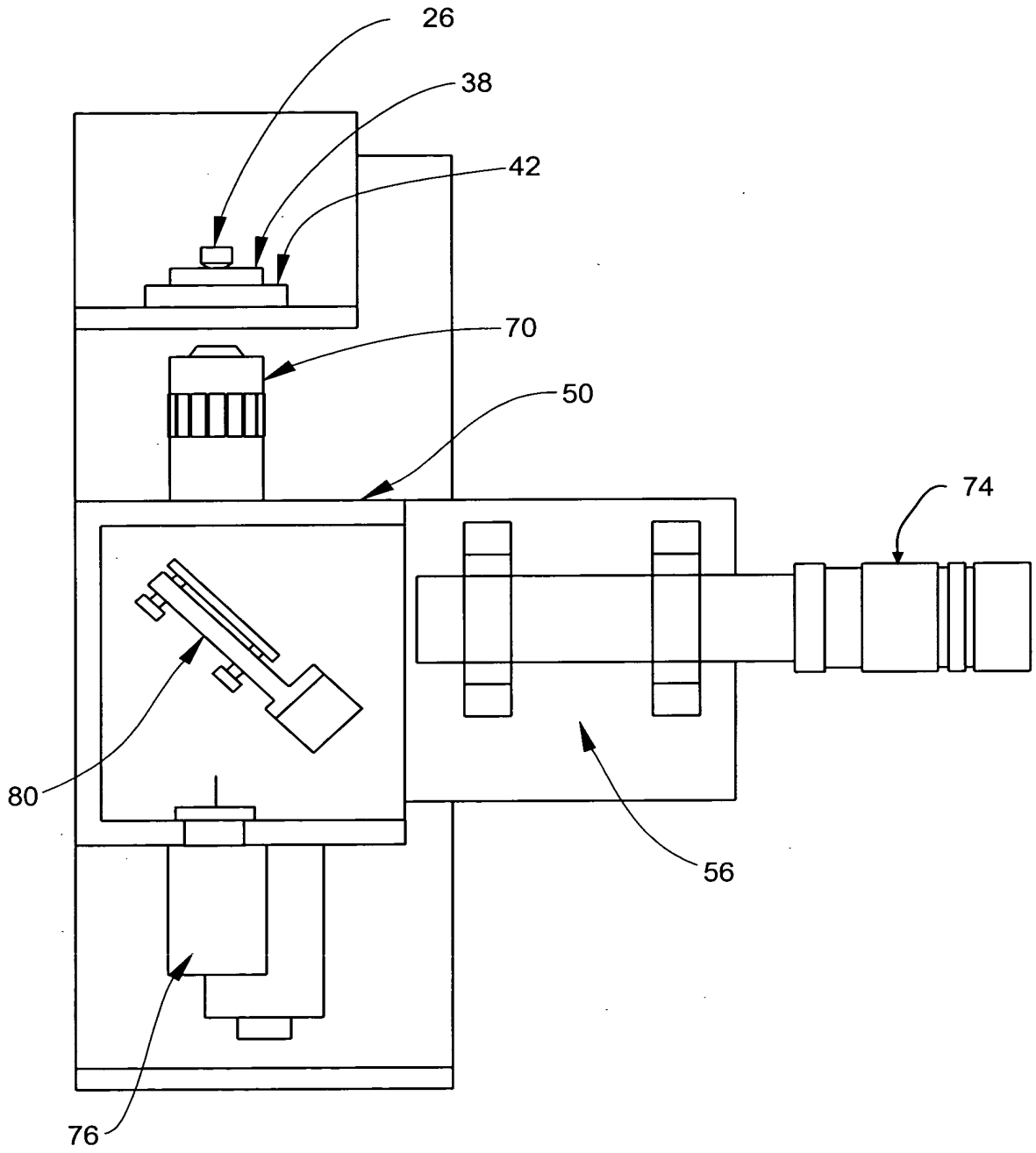


FIG. 2

09600900 - 020902

APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

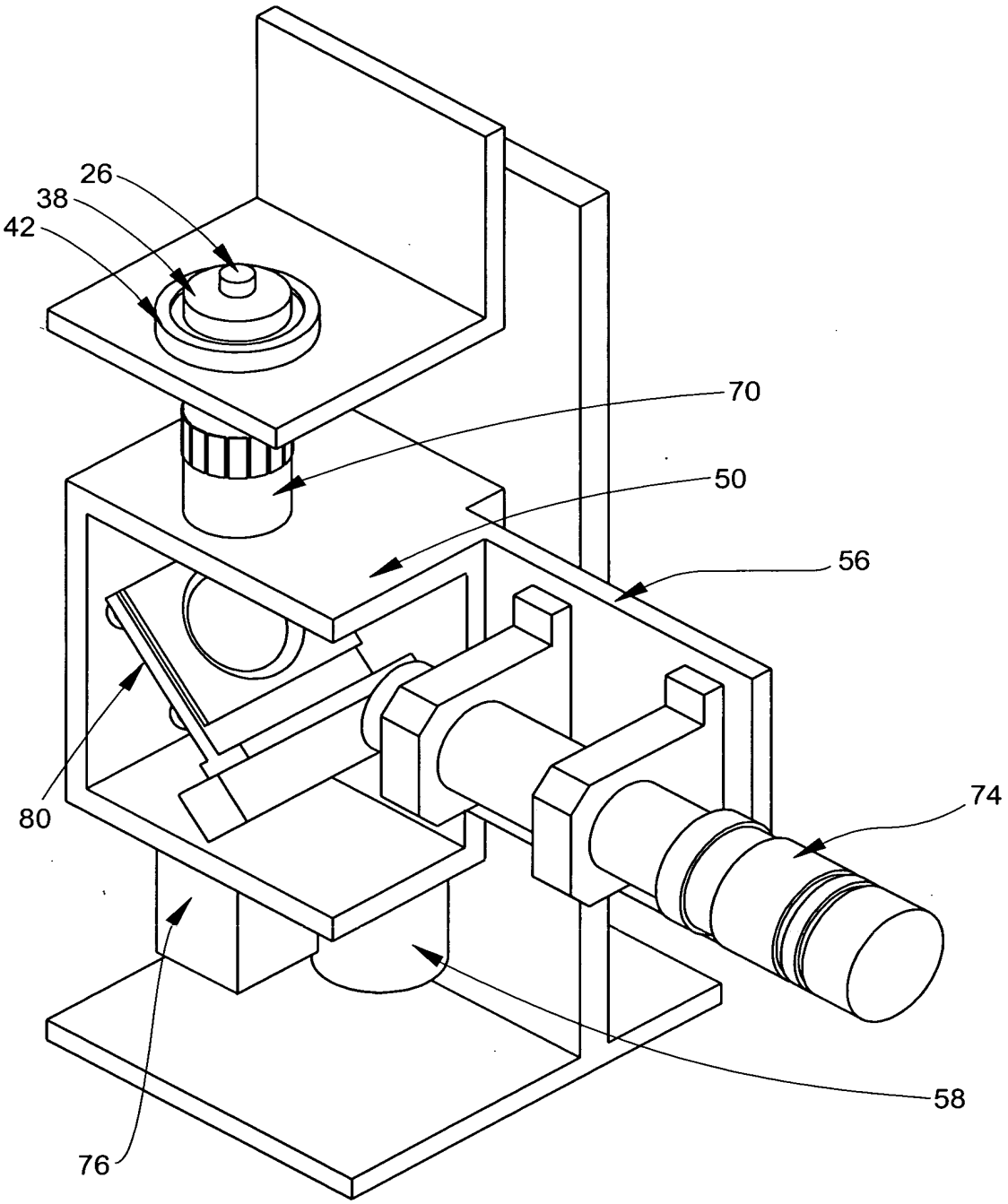


FIG. 3

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

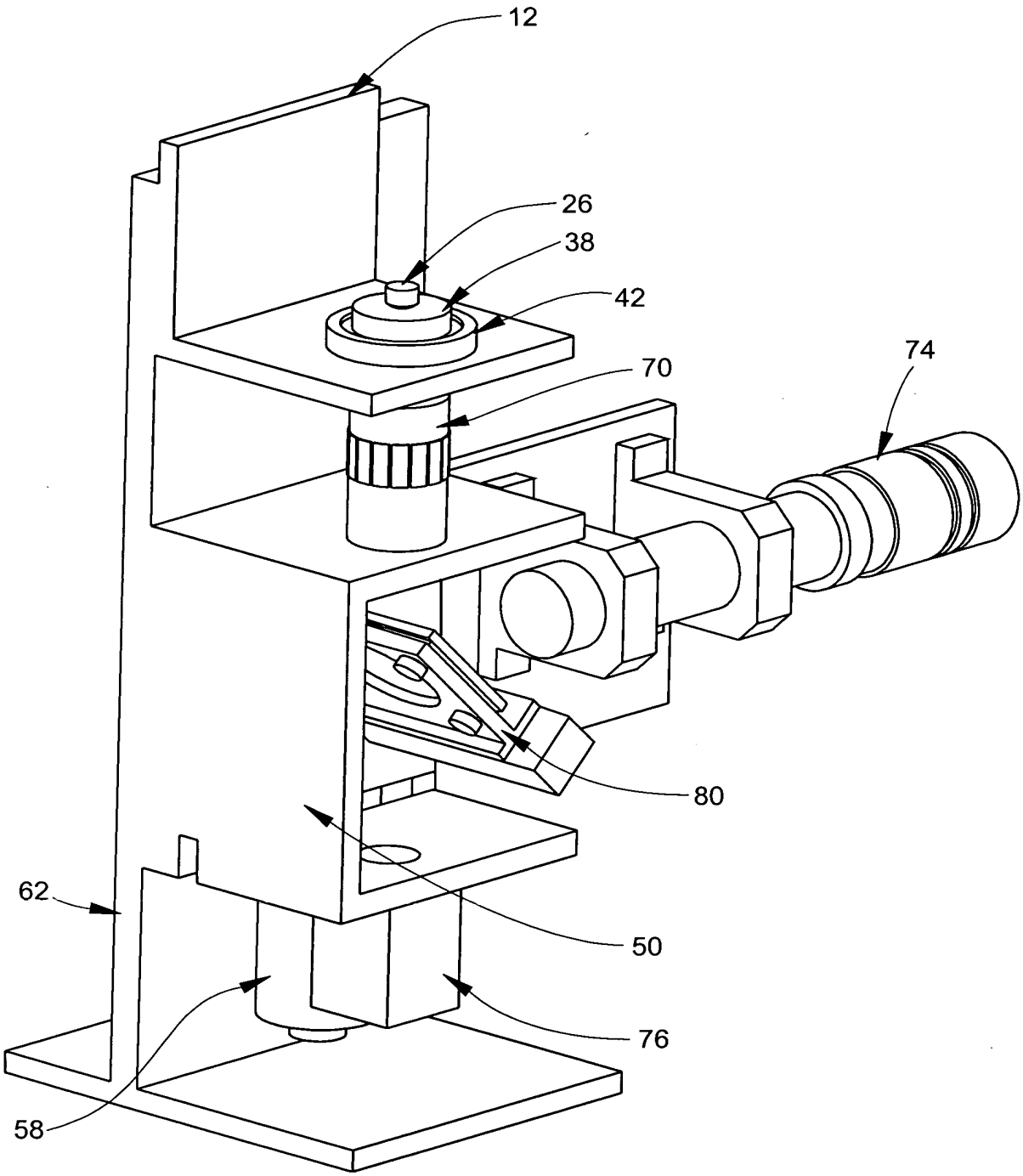


FIG. 4

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

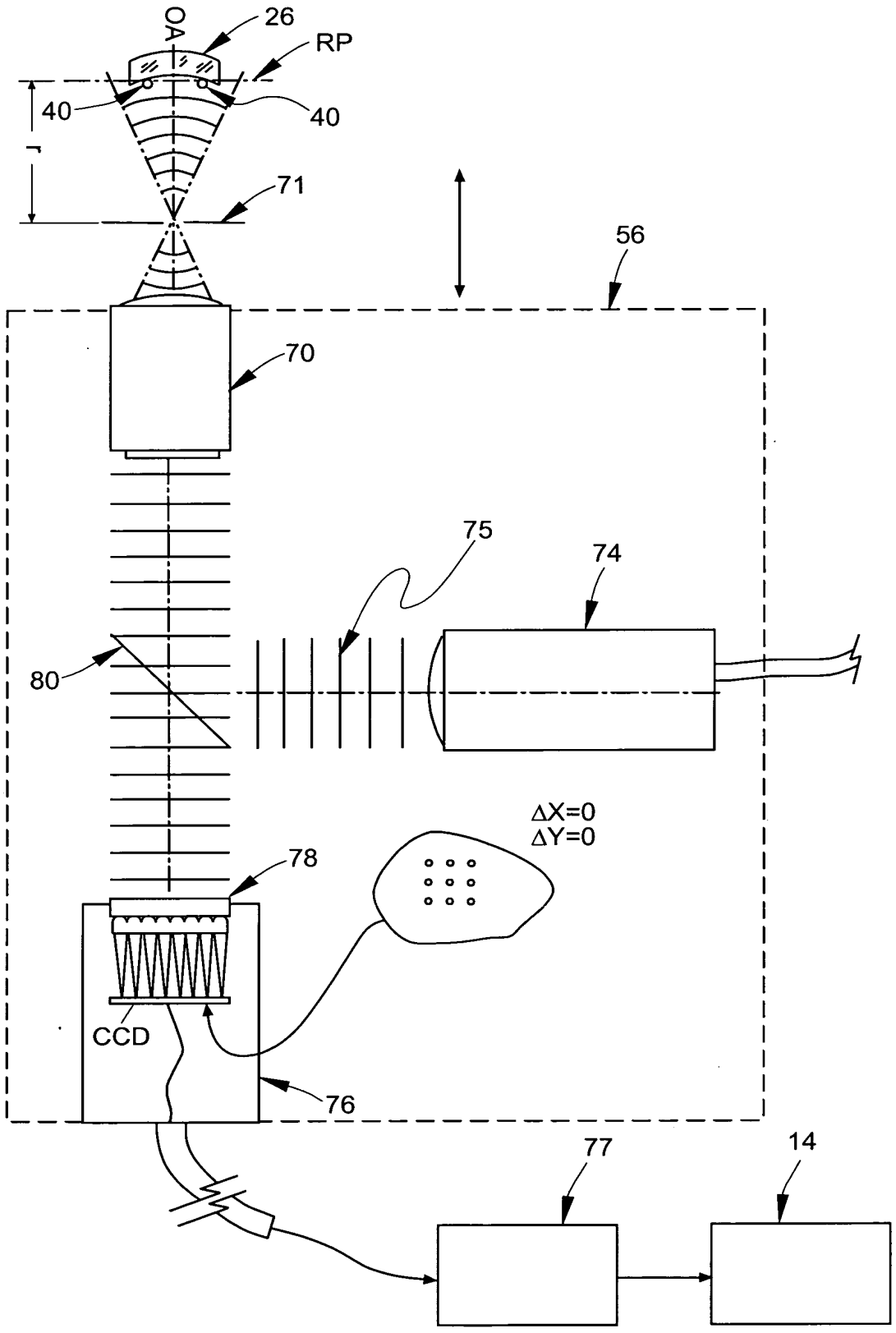


FIG. 5

09/965,760 - 09/26/2001

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

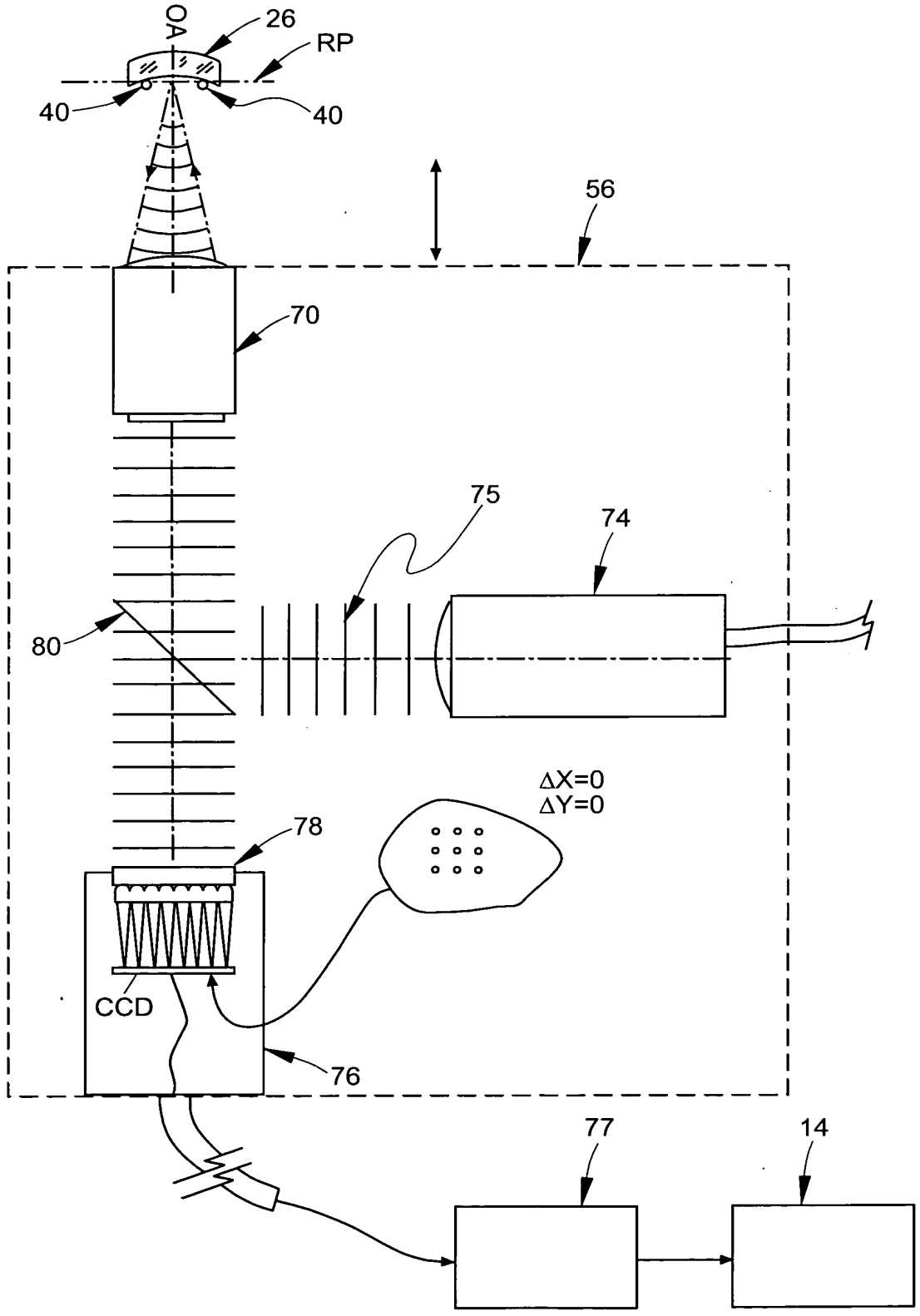


FIG. 6

09/902,260 07/10/2001

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

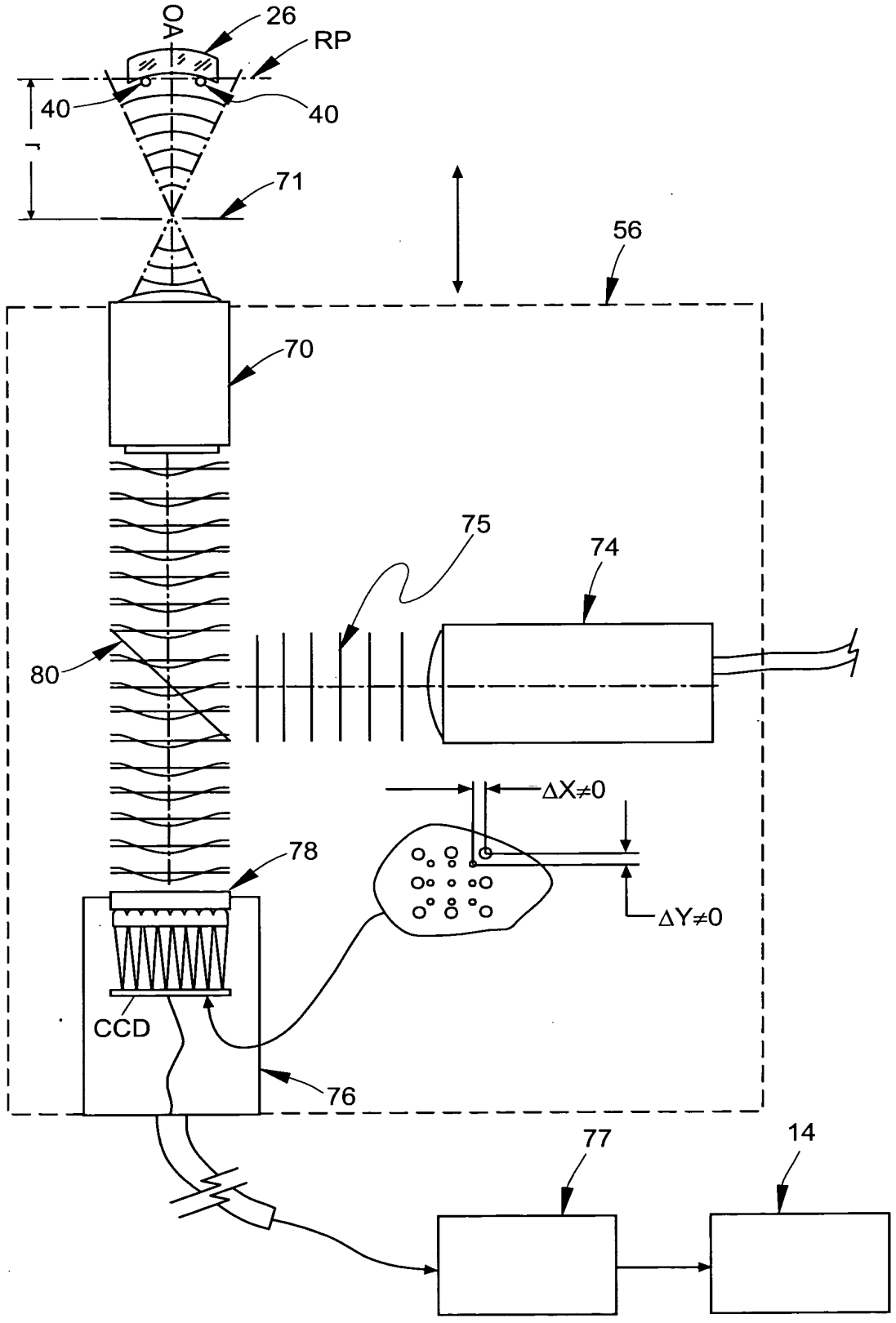


FIG. 7

APPROVED BY DRAFTSMAN
O.G. FIG.
CLASS SUBCLASS

09382972 .060990

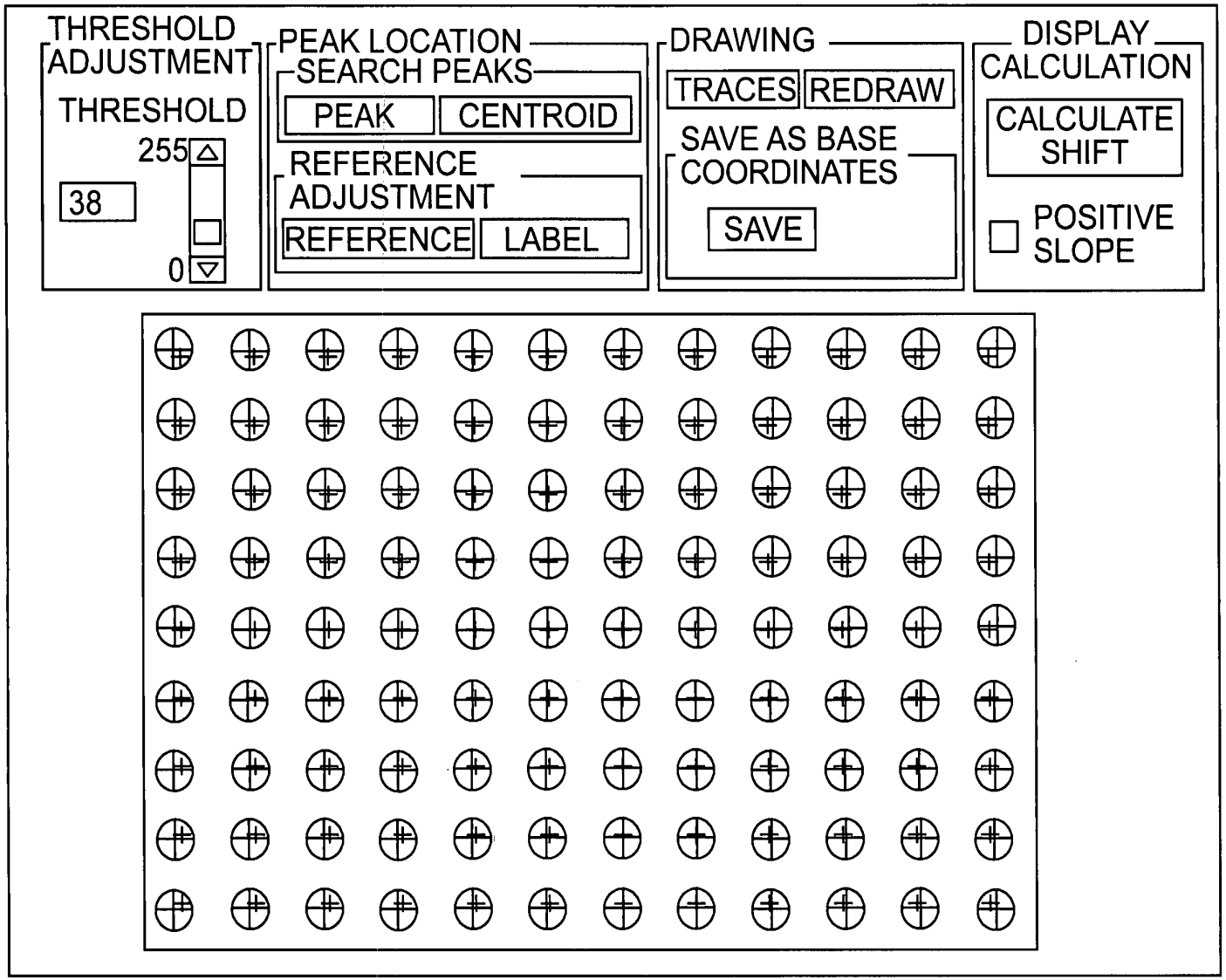


FIG. 8

APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

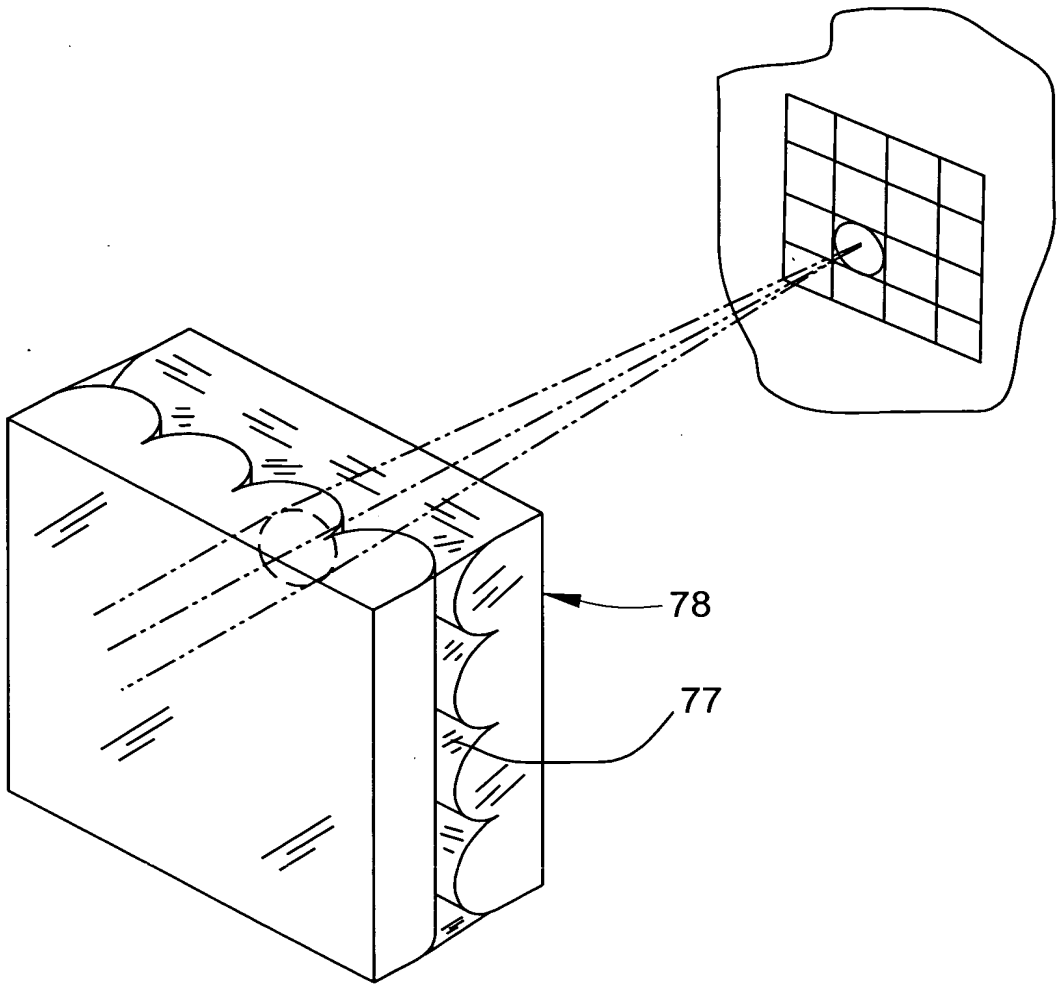


FIG. 9

666090.27682E60

APPROVED
DRAFTSMAN BY
CLASS SUBCLASS
O.G. FIG.

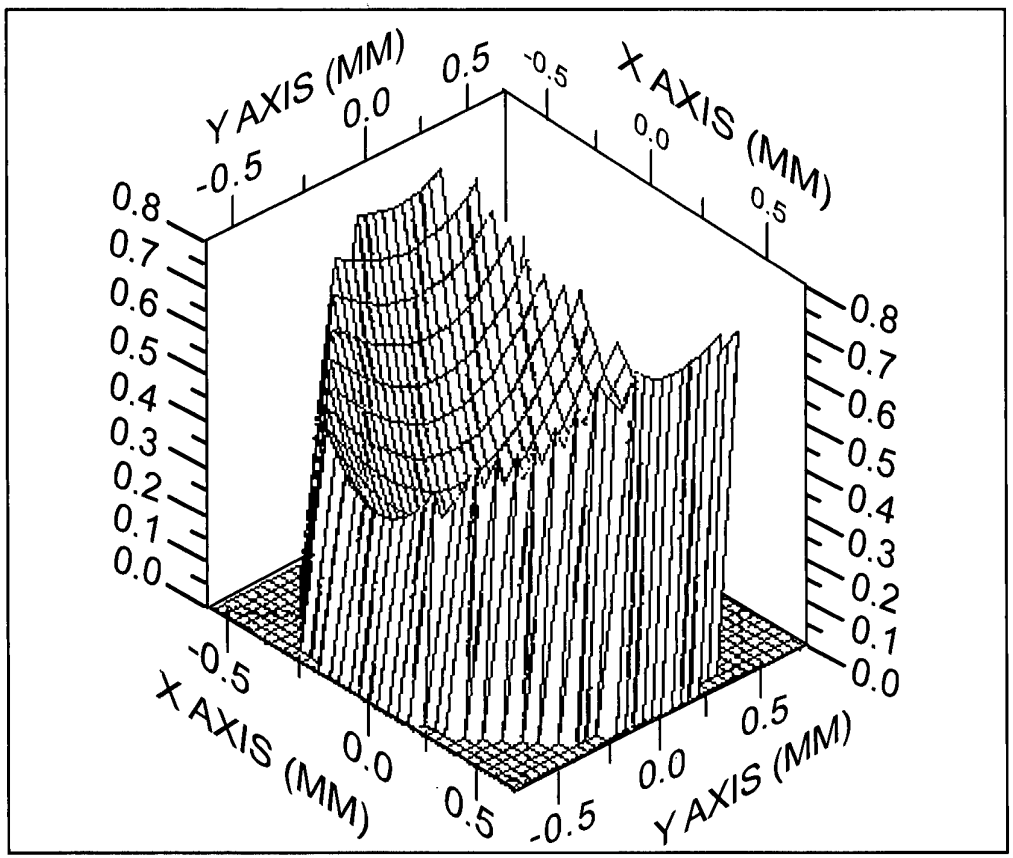
UNIT UNDER TEST
○ CONCAVE
◉ CONVEX
EXPECTED RADIUS
8 mm
0-FOCAL LENGTH
20 mm

CALCULATED RESULTS
RADIUS 8.00159 mm

MOTION CONTROL
MOTOR...

FRAME GRABBER CONTROL
ACTIVE IMAGE

DISPLAY TYPES
☑ MESH ☑ SHADED
☐ CONTOURS ☑ ZONES



OPTIONS
☑ TURN OFF LINEAR TERM ☑ TURN OFF FOURTH TERM ☑ MOVE OFFSET
☐ TURN OFF SECOND TERM ☐ DATA FILTERING ☐ SHOW RESULTS
☐ TURN OFF THIRD TERM ☐ DEFOCUS POSITIVE ☐ SUBTRACT RISIDUAL

OPERATIONS
LOCATE FOCUS
LOCATE RADIUS
MEASUREMENT
SURFACE CONTOURS
MAPPING ORDER

FIG. 10

APPROVED BY DRAFTSMAN | O.G. FIG. CLASS SUBCLASS

MAPPING AT DEFOCUS 0 MICRONS
PEAK TO VALLEY VALUE: 0.516 MICRONS
RMS VALUE: 0.113414 MICRONS

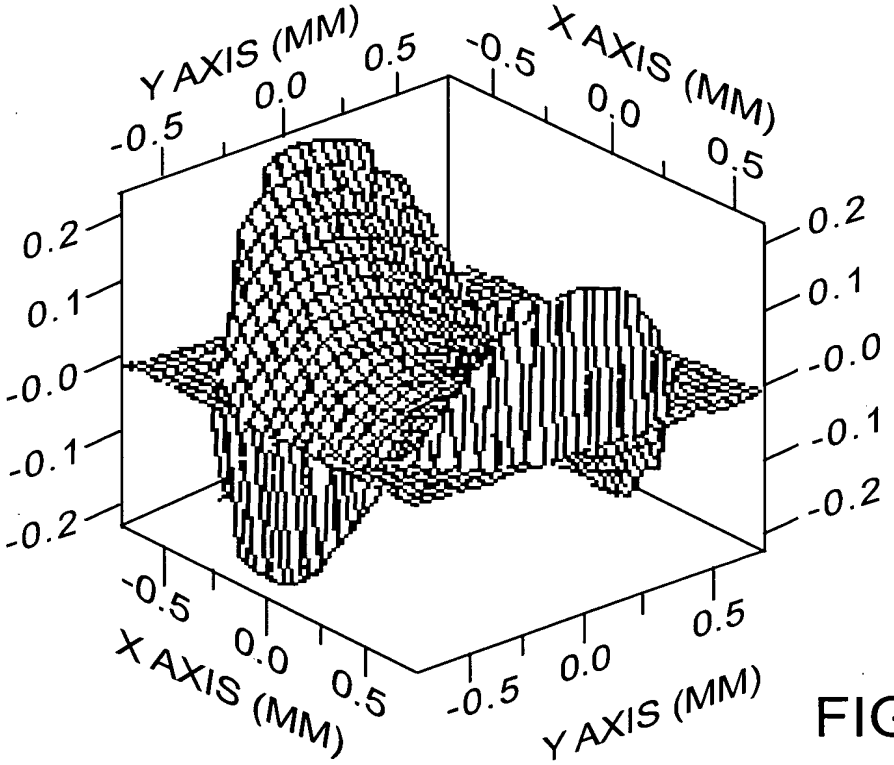


FIG. 11A

MAPPING AT DEFOCUS 100 MICRONS
PEAK TO VALLEY VALUE: 0.500 MICRONS
RMS VALUE: 0.212682 MICRONS

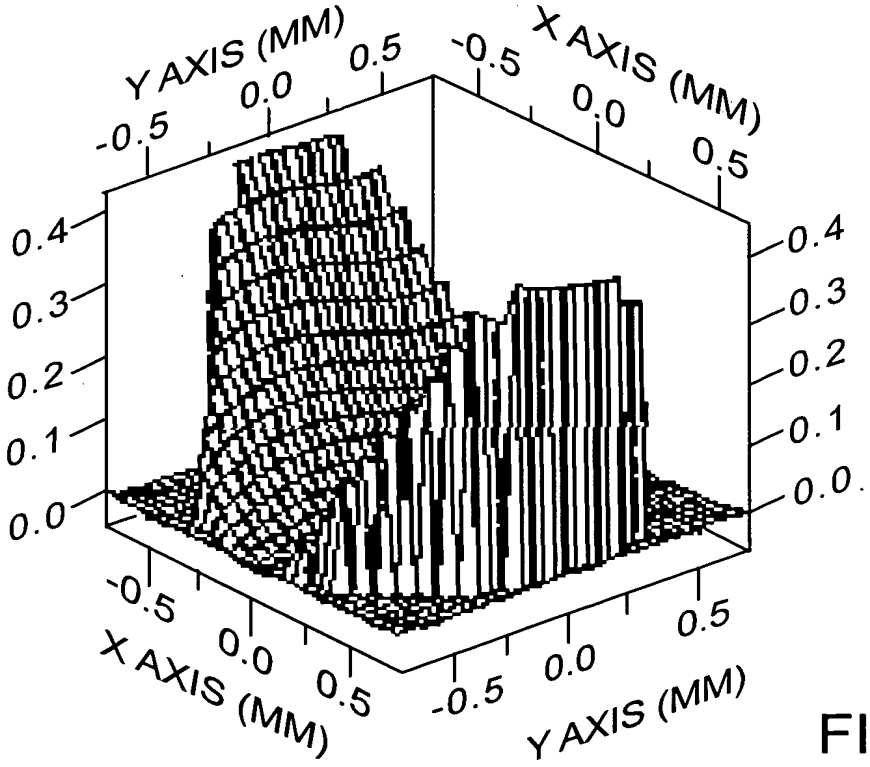


FIG. 11B

6696090 "27687660

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

MAPPING AT DEFOCUS 200 MICRONS
PEAK TO VALLEY VALUE: 0.677 MICRONS
RMS VALUE: 0.366139 MICRONS

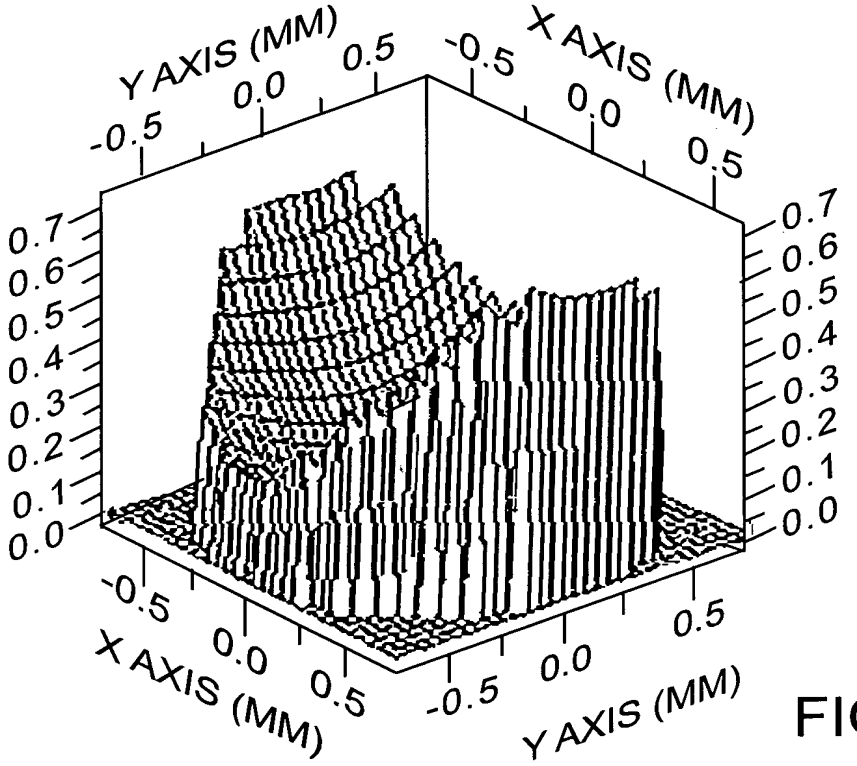


FIG. 11C

MAPPING AT DEFOCUS 300 MICRONS
PEAK TO VALLEY VALUE: 0.835 MICRONS
RMS VALUE: 0.515124 MICRONS

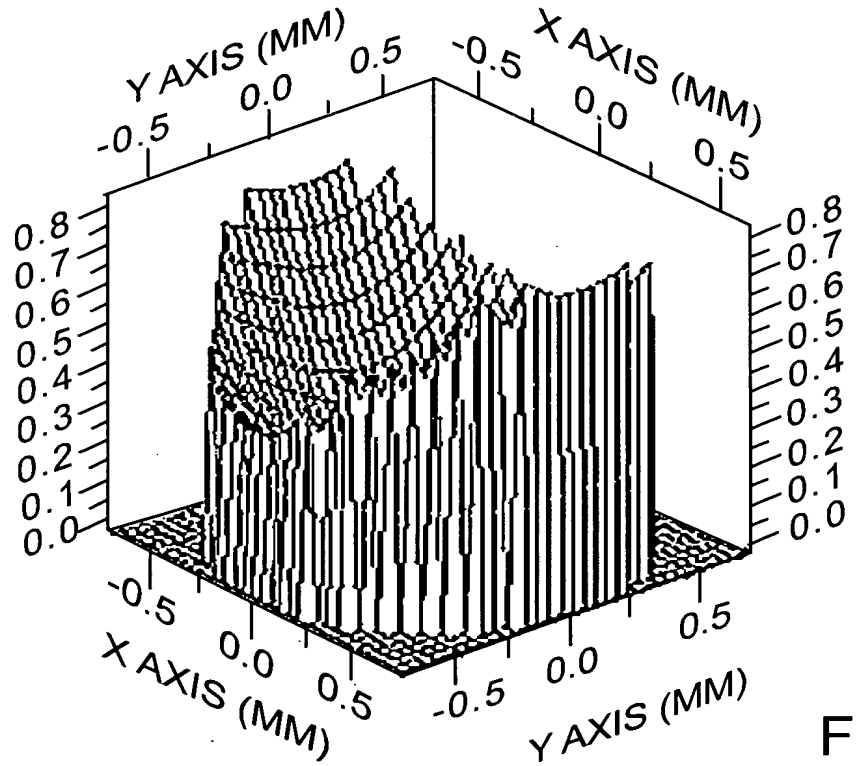


FIG. 11D

6660900 "2768760

APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

MAPPING AT DEFOCUS 0 MICRONS
PEAK TO VALLEY VALUE: 0.611 MICRONS
RMS VALUE: 0.133521 MICRONS

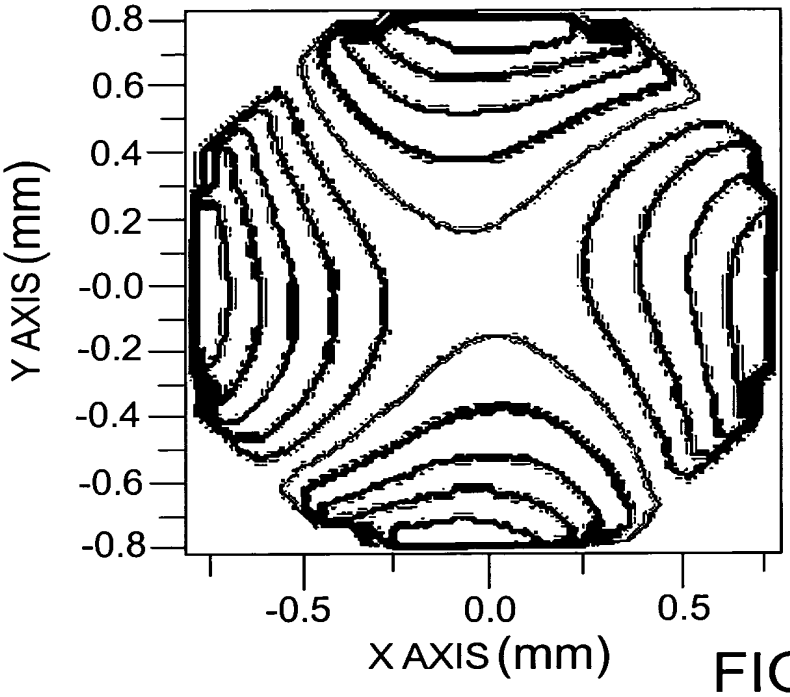


FIG. 12A

09782760.960509

MAPPING AT DEFOCUS 100 MICRONS
PEAK TO VALLEY VALUE: 0.565 MICRONS
RMS VALUE: 0..238394 MICRONS

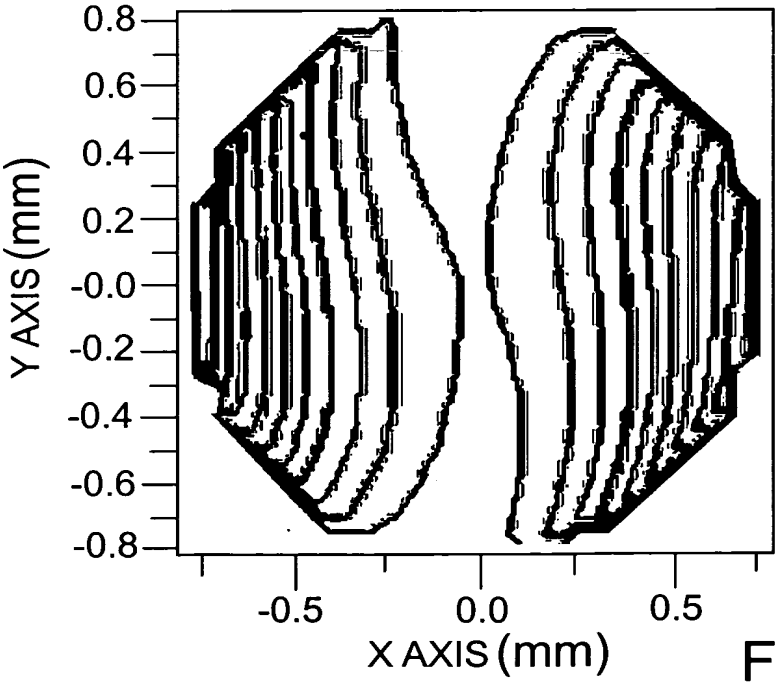


FIG. 12B

APPROVED BY DRAFTSMAN | O.G. FIG. CLASS | SUBCLASS

MAPPING AT DEFOCUS 200 MICRONS
PEAK TO VALLEY VALUE: 0.722 MICRONS
RMS VALUE: 0.389452 MICRONS

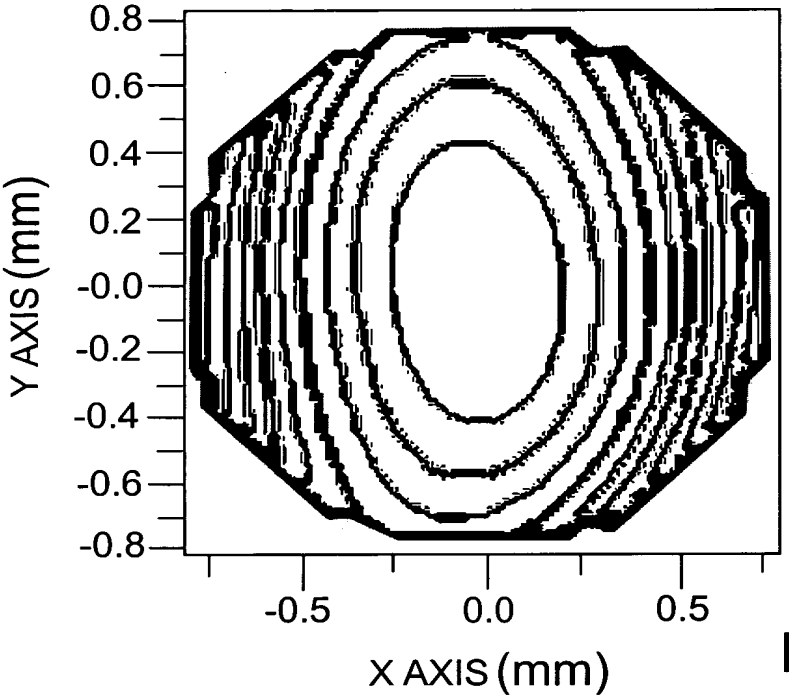


FIG. 12C

MAPPING AT DEFOCUS 300 MICRONS
PEAK TO VALLEY VALUE: 0.835 MICRONS
RMS VALUE: 0.515124 MICRONS

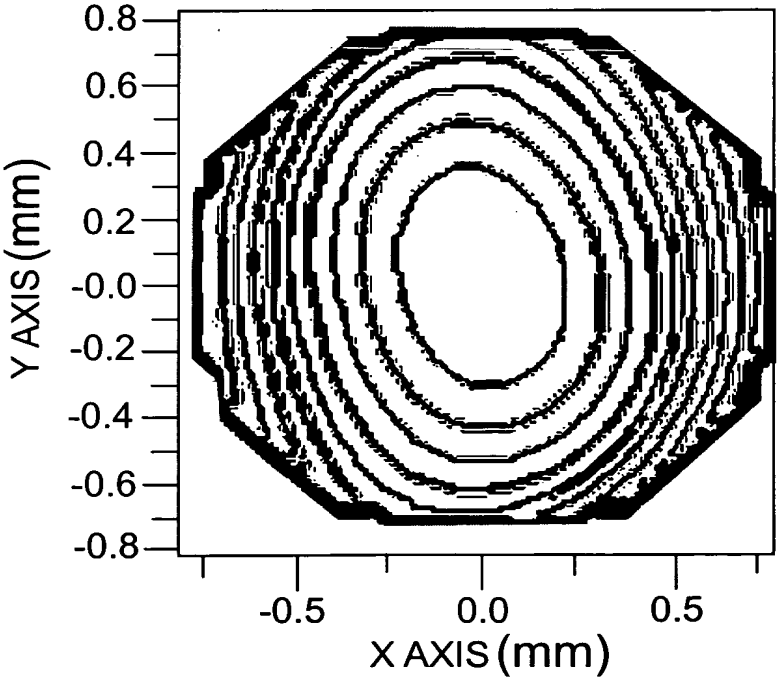


FIG. 12D

6660910 - 2168260

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

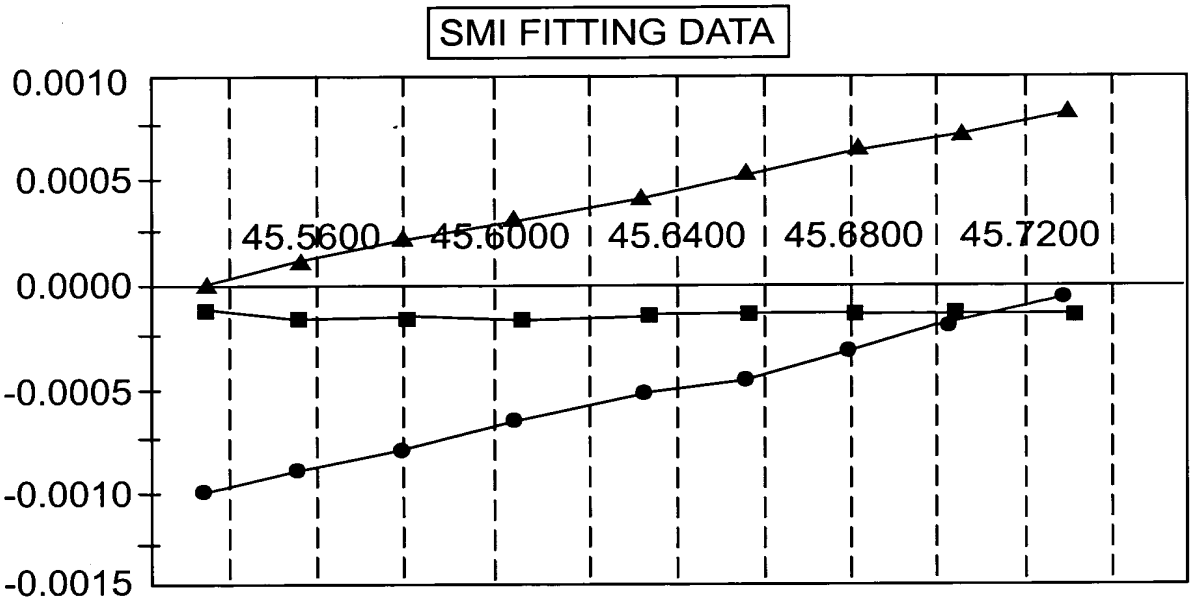


FIG. 13

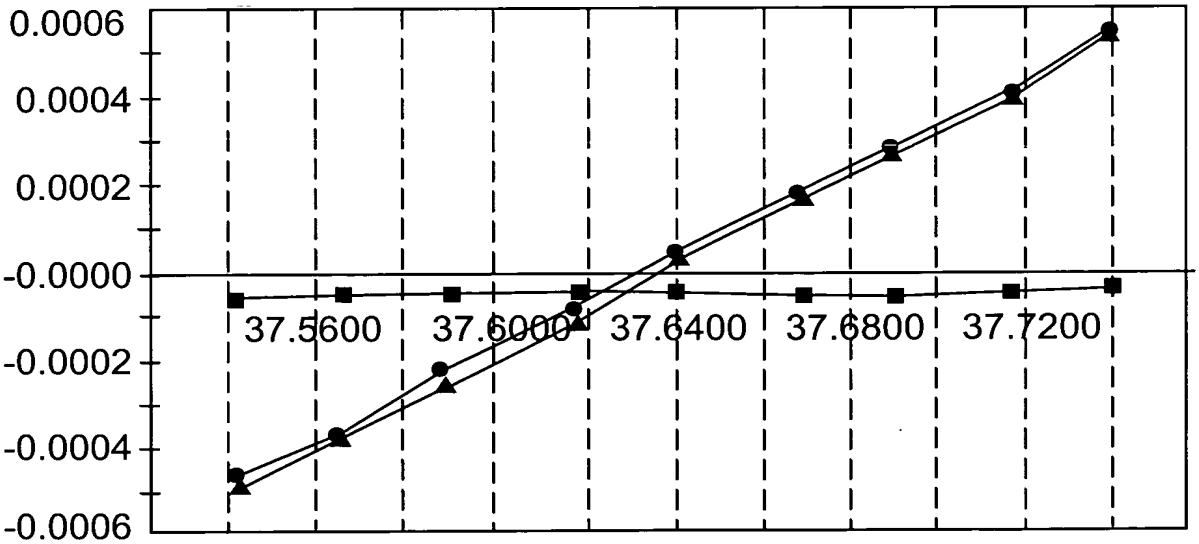


FIG. 14

6656000 - 2768969

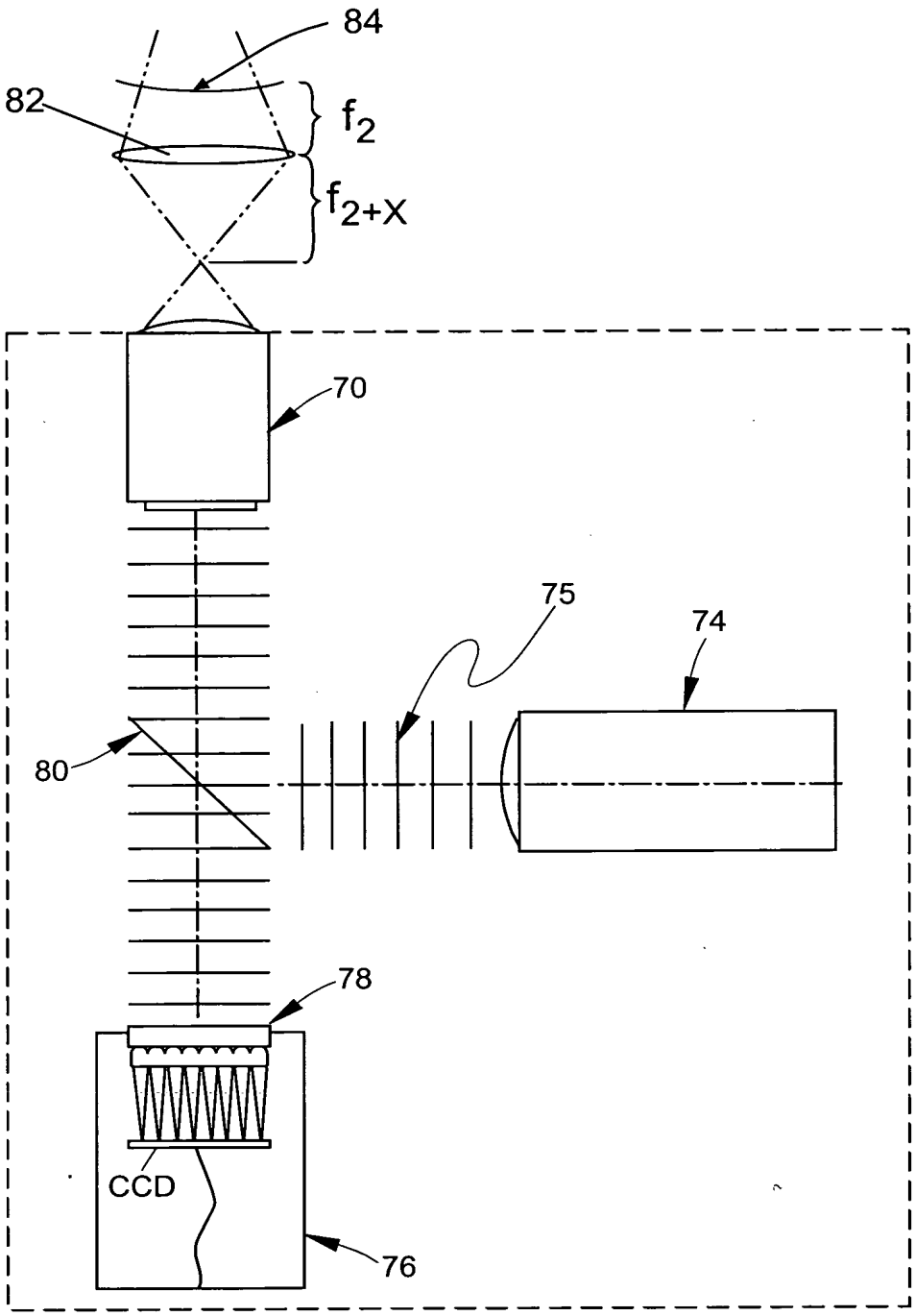
APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

EXPECTED VALUE	MEASURED VALUES
MEAN RADIUS 8 mm	MEAN RADIUS 8.00623 mm SPHERICAL RADIUS 7.94381 mm CYLINDRICAL RADIUS 8.06864 mm AXIS 85.5778 DEG

FIG. 15

09/25/2006, EAST Version: 2.1.0.9

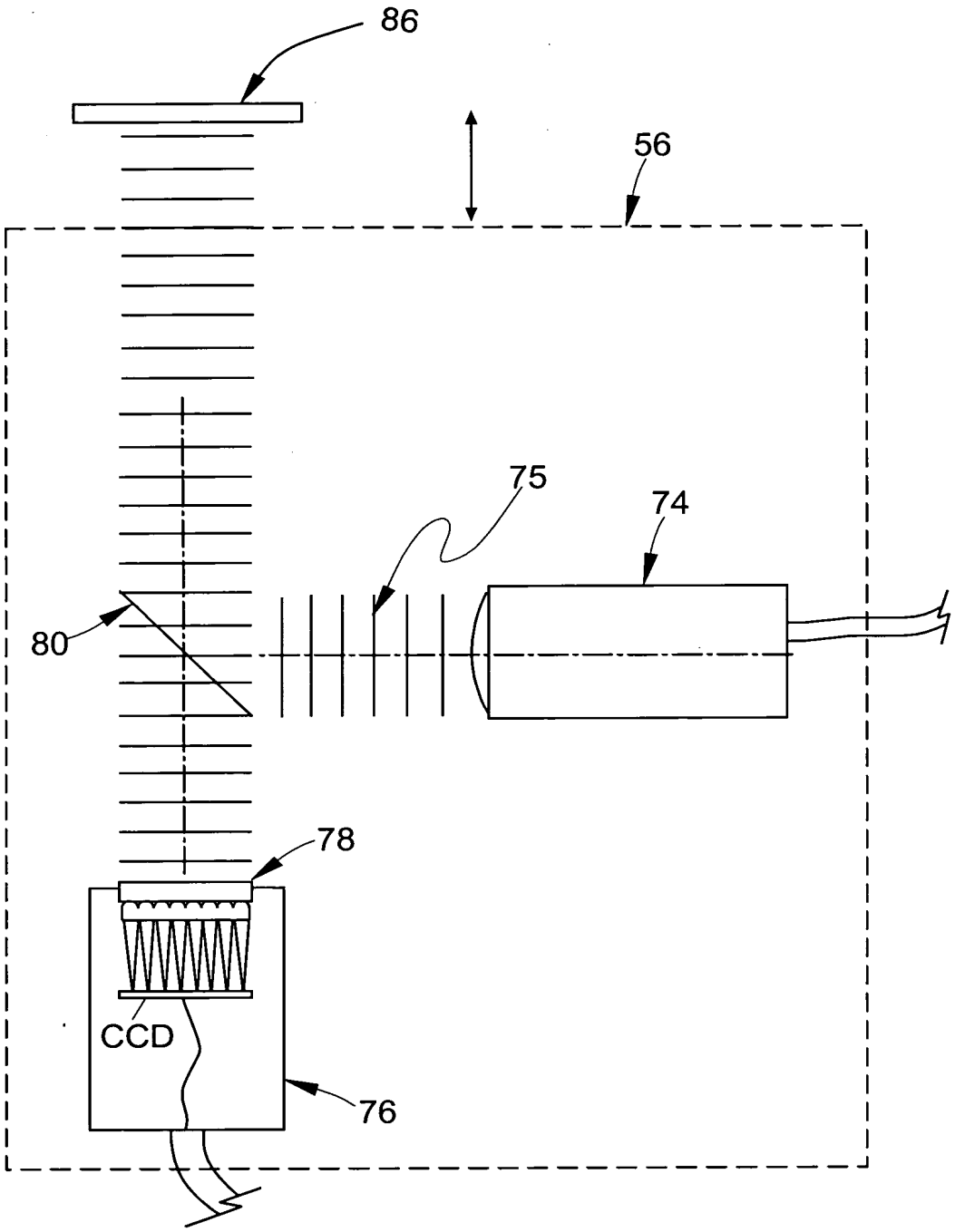
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS



6565090 "2765626.60

FIG. 16

APPROVED BY DRAFTSMAN | O.G. FIG. CLASS | SUBCLASS



09/826,970 - 06/06/01

FIG. 17

APPROVED BY DRAFTSMAN | O.G. FIG. CLASS | SUBCLASS

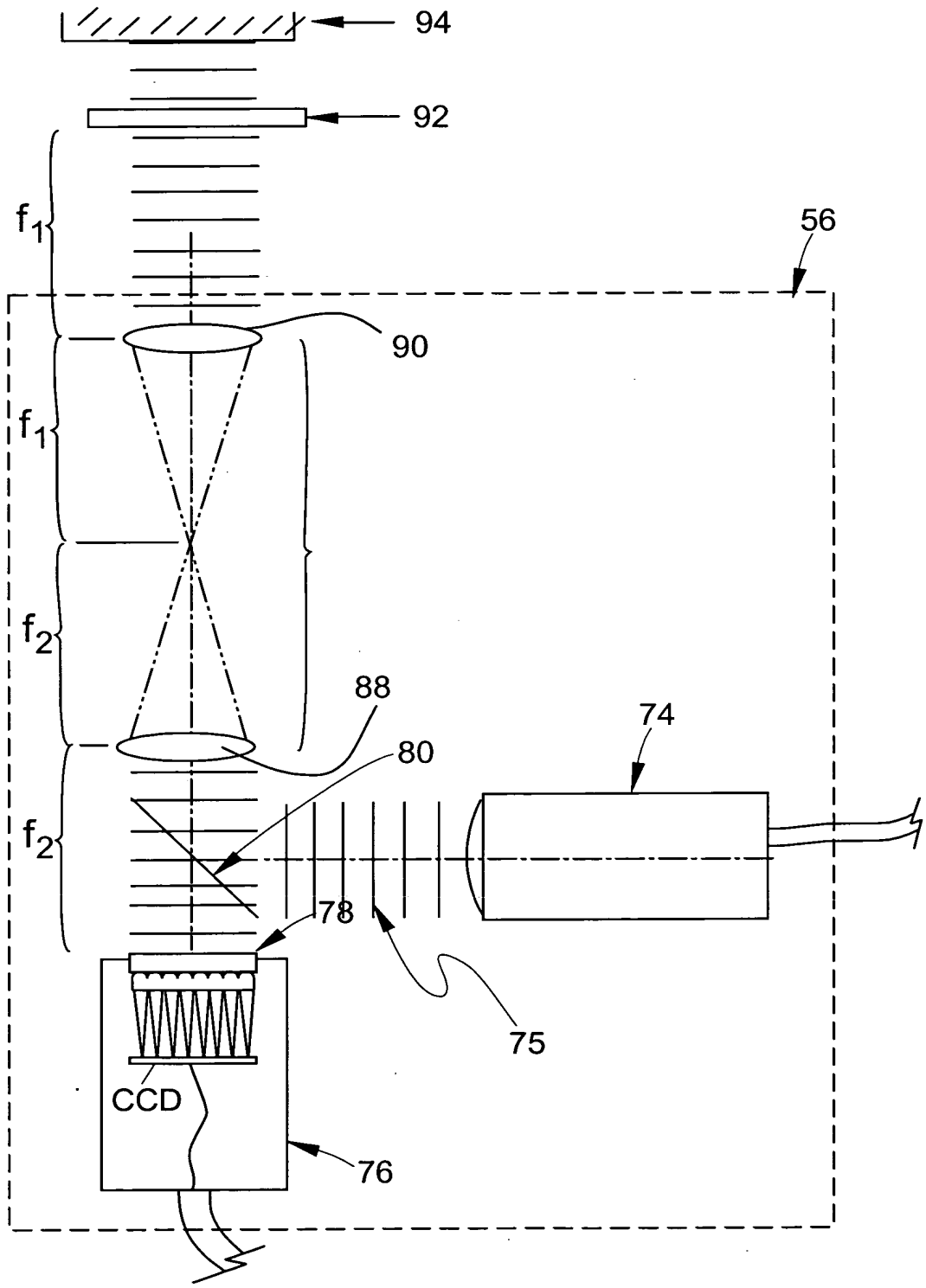


FIG. 18

APPROVED BY DRAFTSMAN | O.G. FIG. CLASS SUBCLASS

6660502 2682660

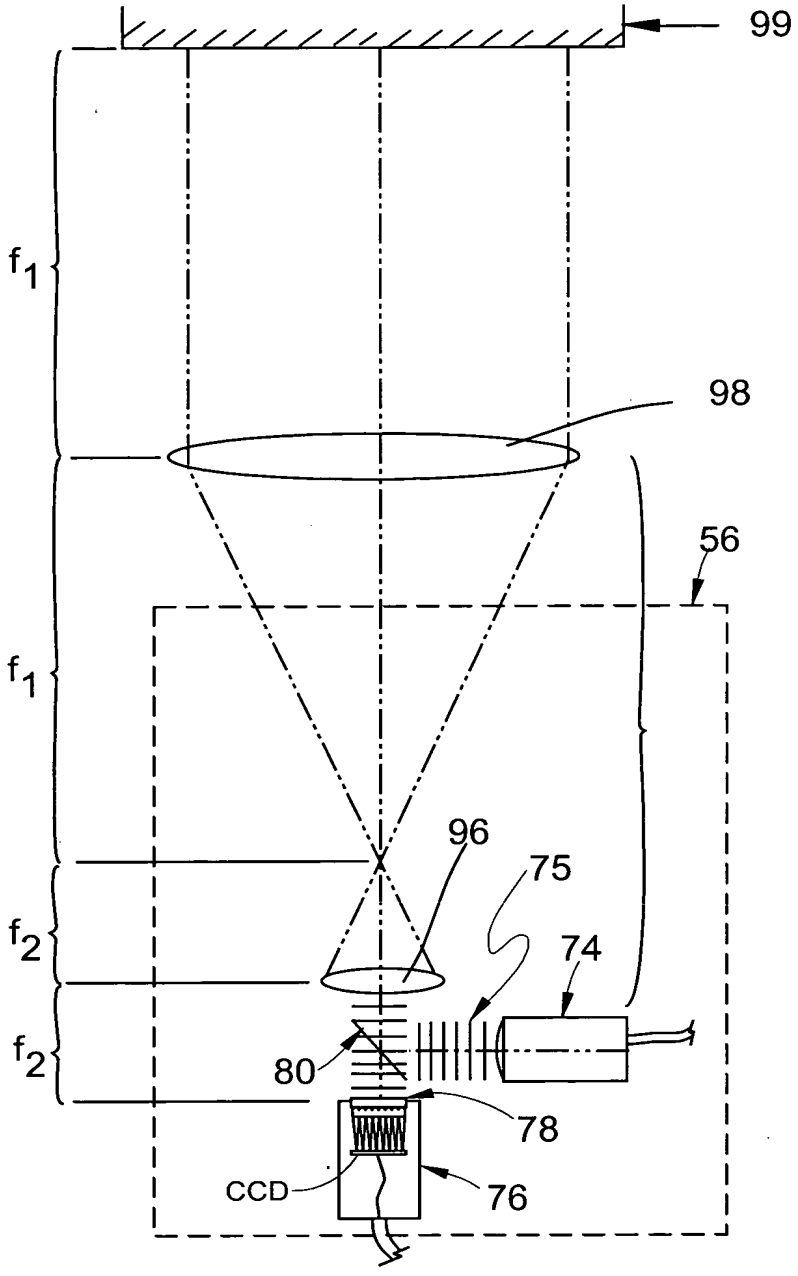
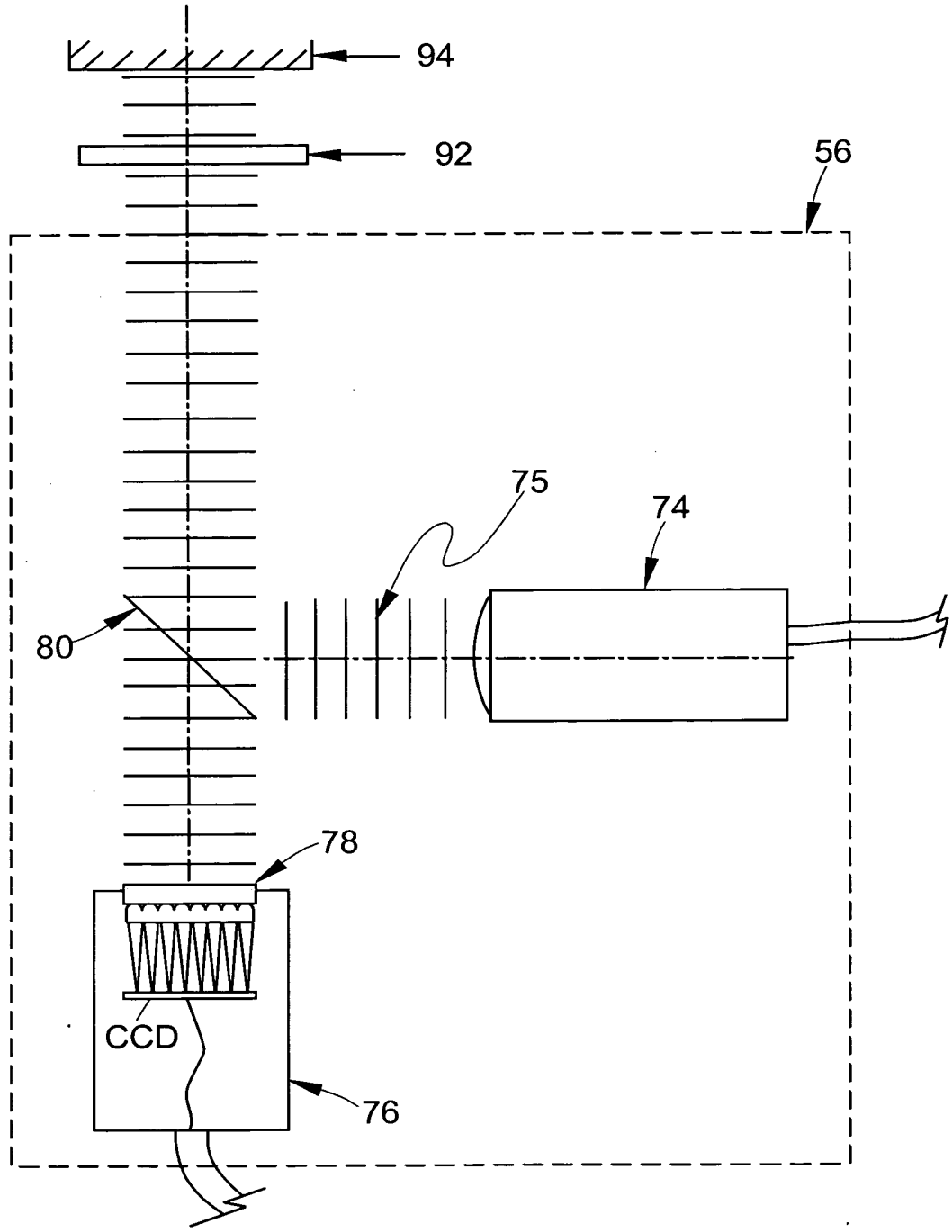


FIG. 19

APPROVED BY DRAFTSMAN | O.G. FIG. CLASS | SUBCLASS



5660595 "5660595 0

FIG. 20

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

6690:2426260

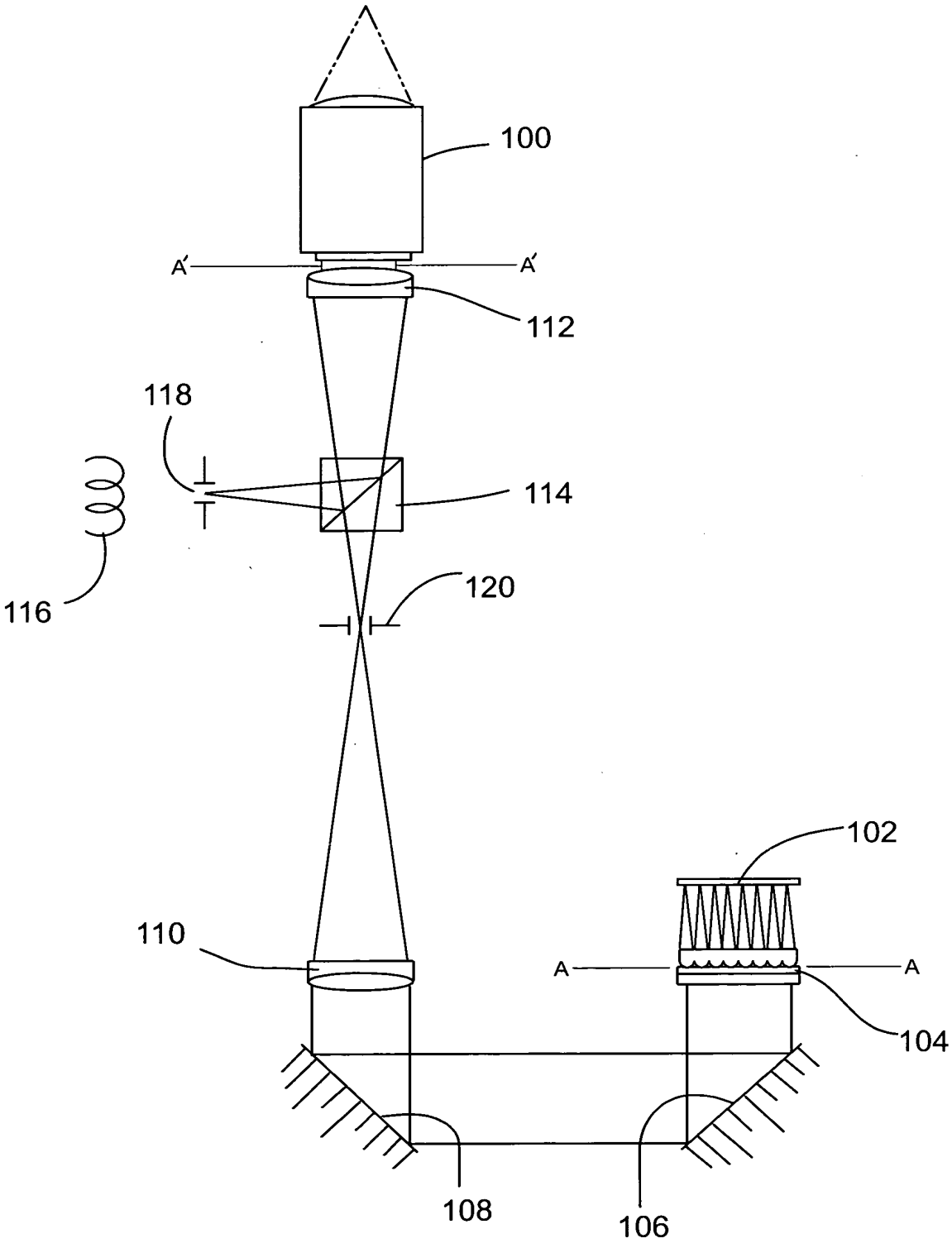


FIG. 21